

Converting Colors

CIELCh(73, 42.052, 98.594)

Have a look what the booklet for
CIELCh(73, 42.052, 98.594) contains.

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Color

CIELCh(73, 42.086, 99.025)

Conversions

Conversions Part 1

Format	Color
Hex	C1B566
RGB	193, 181, 102
RGB Percent	76%, 71%, 40%
CMY	0.2445, 0.2914, 0.6012
CMYK	0.00, 0.06, 0.47, 0.24
HSL	52°, 42%, 58%
HSV	52°, 47%, 76%
XYZ	40.7491, 45.1644, 19.0619
YIQ	175.5820, 32.5110, -22.0250

Conversions

Conversions Part 2

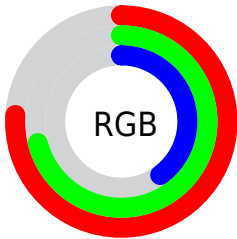
Format	Color
RYB	116, 193, 102
Decimal	12694886
CIELab	73.00, -6.60, 41.56
CIELCh	73, 42.086, 99.025
Yxy	45.1644, 0.3882, 0.4302
Android (android.graphics.Color)	4290884966 (0xFFC1B566)
YUV	175.5820, -36.2759, 15.2756
Hunter-Lab	67.2044, -9.3753, 30.2261

Details

The CIELCh color **73, 42.086, 99.025** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 46.103, 291.509**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.451, 99.195**, and **53, 42.037, 98.467** is the 20% darker color. If you saturate the color by 10%, you get **72, 50.365, 97.925**, and if you desaturate by 10%, it is **74, 33.395, 100.145**.

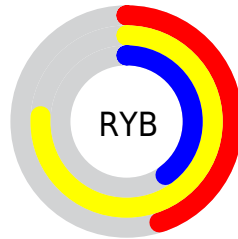
Distribution



Red (76%)

Green (71%)

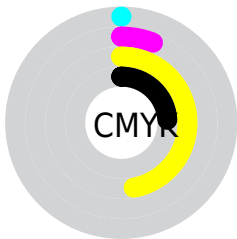
Blue (40%)



Red (45%)

Yellow (76%)

Blue (40%)

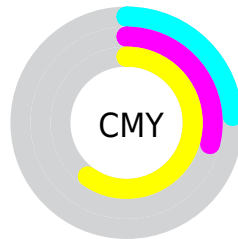


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.086, 99.025 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 42.086, 99.025 by changing the saturation by 10% instead.

73, 42.086, 99.025

73, 42.086, 99.025

100, 42.086,
99.025

63, 42.086, 99.025

93, 42.086, 99.025

53, 42.086, 99.025

43, 42.086, 99.025

33, 42.086, 99.025

23, 42.086, 99.025

13, 42.086, 99.025

3, 42.086, 99.025

0, 42.086, 99.025

73, 42.086, 99.025

73, 42.086, 99.025

72, 50.365, 97.925

71, 57.910, 96.847

70, 64.253, 95.804

70, 68.816, 94.794

69, 71.208, 93.796

69, 71.711, 93.520

74, 33.395,
100.145

75, 24.491,
101.261

76, 15.495,
102.363

77, 6.481, 103.435

78, 2.510, 284.554

79, 11.453,
285.534

81, 20.333,
286.505

82, 28.706,
287.308

83, 27.383,
285.193

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 42.086, 99.025



50, 46.103, 291.509

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 42.086, 99.025



73, 42.086, 149.025



73, 42.086, 279.025



73, 42.086, 329.025

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



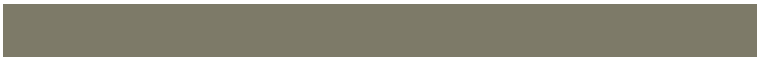
73, 42.087, 99.028



96, 15.561, 102.688



54, 38.778, 14.616



51, 10.743, 102.452



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 42.087, 99.028



91, 61.907, 97.850



74, 49.372, 121.852



40, 5.121, 103.208



58, 62.743, 93.659



11, 15.810, 98.571

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50, 46.103, 291.509



57, 70.160, 293.977



50, 54.125, 307.331



38, 5.201, 285.284



20, 87.654, 304.107



2, 17.670, 287.368

Previews

White Background



This preview shows how the CIELCh color 73, 42.086, 99.025 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 42.086, 99.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 42.086, 99.025

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.086, 99.025.



This preview shows how white text looks on a background with the CIELCh color 73, 42.086, 99.025.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73, 42.086, 99.025

Protanopia

73, 42.099, 95.440

Deuteranopia

73, 41.858, 77.232



Tritanopia
73, 13.323, 348.734

Trichromacy



Original Color
73, 42.086, 99.025

Protanomaly
73, 42.317, 97.258

Deuteranomaly
73, 41.398, 85.433

Tritanomaly
73, 14.666, 70.247

Monochromacy



Original Color
73, 42.086, 99.025

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.765, 102.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.086, 99.025 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 181, 102)` looks like.

```
.text, #text, p{  
    color:rgb(193, 181, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 181, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 181, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.086, 99.025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 181, 102) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 181, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 181, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 181, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 181, 102); box-shadow:4px 4px 4px 4px rgb(193, 181, 102) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.086, 99.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 181, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
181, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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